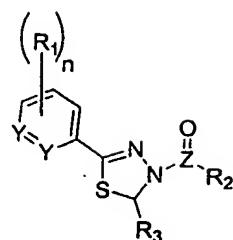


## WE CLAIM:

## 1. A compound of Formula I:



in which

n is selected from 0, 1, 2 and 3;

Z is selected from C and S(O); each

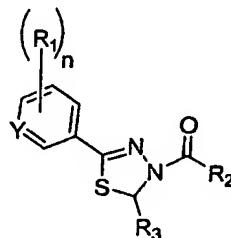
Y is independently selected from  $-\text{CR}_4=$  and  $-\text{N}=$ ; wherein  $\text{R}_4$  is selected from hydrogen, cyano, hydroxyl,  $\text{C}_{1-6}$ alkyl,  $\text{C}_{1-6}$ alkoxy, halo-substituted- $\text{C}_{1-6}$ alkyl and halo-substituted- $\text{C}_{1-6}$ alkoxy;

$\text{R}_1$  is selected from halo, cyano, hydroxyl,  $\text{C}_{1-6}$ alkyl,  $\text{C}_{1-6}$ alkoxy, halo-substituted- $\text{C}_{1-6}$ alkyl, halo-substituted- $\text{C}_{1-6}$ alkoxy and  $-\text{C}(\text{O})\text{OR}_4$ ; wherein  $\text{R}_4$  is as described above;

$\text{R}_2$  is selected from  $\text{C}_{6-10}$ aryl,  $\text{C}_{5-10}$ heteroaryl,  $\text{C}_{3-12}$ cycloalkyl and  $\text{C}_{3-8}$ heterocycloalkyl; wherein any aryl, heteroaryl, cycloalkyl or heterocycloalkyl of  $\text{R}_2$  is optionally substituted with 1 to 5 radicals independently selected from halo, hydroxy, cyano, nitro,  $\text{C}_{1-6}$ alkyl,  $\text{C}_{1-6}$ alkoxy, halo-substituted- $\text{C}_{1-6}$ alkyl, halo-substituted- $\text{C}_{1-6}$ alkoxy,  $-\text{C}(\text{O})\text{NR}_5\text{R}_5$ ,  $-\text{OR}_5$ ,  $-\text{OC}(\text{O})\text{R}_5$ ,  $-\text{NR}_5\text{R}_6$ ,  $-\text{C}(\text{O})\text{R}_5$  and  $-\text{NR}_5\text{C}(\text{O})\text{R}_5$ ; wherein  $\text{R}_5$  and  $\text{R}_6$  are independently selected from hydrogen,  $\text{C}_{1-6}$ alkyl,  $\text{C}_{1-6}$ alkoxy, halo-substituted- $\text{C}_{1-6}$ alkyl, halo-substituted- $\text{C}_{1-6}$ alkoxy,  $\text{C}_{6-10}$ aryl- $\text{C}_{0-4}$ alkyl,  $\text{C}_{3-8}$ heteroaryl- $\text{C}_{0-4}$ alkyl,  $\text{C}_{3-12}$ cycloalkyl- $\text{C}_{0-4}$ alkyl and  $\text{C}_{3-8}$ heterocycloalkyl- $\text{C}_{0-4}$ alkyl; or  $\text{R}_5$  and  $\text{R}_6$  together with the nitrogen atom to which  $\text{R}_5$  and  $\text{R}_6$  are attached form  $\text{C}_{5-10}$ heteroaryl or  $\text{C}_{3-8}$ heterocycloalkyl; wherein any aryl, heteroaryl, cycloalkyl or heterocycloalkyl of  $\text{R}_5$  or the combination of  $\text{R}_5$  and  $\text{R}_6$  is optionally substituted with 1 to 4 radicals independently selected from halo, hydroxy, cyano, nitro,  $\text{C}_{1-6}$ alkyl,  $\text{C}_{1-6}$ alkoxy, halo-substituted- $\text{C}_{1-6}$ alkyl and halo-substituted- $\text{C}_{1-6}$ alkoxy;

$R_3$  is selected from  $C_{6-10}$ aryl,  $C_{5-10}$ heteroaryl,  $C_{3-12}$ cycloalkyl and  $C_{3-8}$ heterocycloalkyl; wherein any aryl, heteroaryl, cycloalkyl or heterocycloalkyl of  $R_3$  is substituted with 1 to 5 radicals independently selected from halo,  $C_{1-6}$ alkoxy, halo-substituted- $C_{1-6}$ alkyl, halo-substituted- $C_{1-6}$ alkoxy,  $-OXR_7$ ,  $-OXC(O)NR_7R_8$ ,  $-OXC(O)NR_7XC(O)OR_8$ ,  $-OXC(O)NR_7XOR_8$ ,  $-OXC(O)NR_7XNR_7R_8$ ,  $-OXC(O)NR_7XS(O)_{0-2}R_8$ ,  $-OXC(O)NR_7XNR_7C(O)R_8$ ,  $-OXC(O)NR_7XC(O)XC(O)OR_8$ ,  $-OXC(O)NR_7R_9$ ,  $-OXC(O)OR_7$ ,  $-OXOR_7$ ,  $-OXR_9$ ,  $-XR_9$ ,  $-OXC(O)R_9$ ,  $-OXS(O)_{0-2}R_9$  and  $-OXC(O)NR_7CR_7[C(O)R_8]_2$ ; wherein X is a selected from a bond and  $C_{1-6}$ alkylene wherein any methylene of X can optionally be replaced with a divalent radical selected from  $C(O)$ ,  $NR_7$ ,  $S(O)_2$  and  $O$ ;  $R_7$  and  $R_8$  are independently selected from hydrogen, cyano,  $C_{1-6}$ alkyl, halo-substituted- $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl and  $C_{3-12}$ cycloalkyl- $C_{0-4}$ alkyl;  $R_9$  is selected from  $C_{6-10}$ aryl- $C_{0-4}$ alkyl,  $C_{5-10}$ heteroaryl- $C_{0-4}$ alkyl,  $C_{3-12}$ cycloalkyl- $C_{0-4}$ alkyl and  $C_{3-8}$ heterocycloalkyl- $C_{0-4}$ alkyl; wherein any alkyl of  $R_9$  can have a hydrogen replaced with  $-C(O)OR_{10}$ ; and any aryl, heteroaryl, cycloalkyl or heterocycloalkyl of  $R_9$  is optionally substituted with 1 to 4 radicals independently selected from halo,  $C_{1-6}$ alkyl,  $C_{3-12}$ cycloalkyl, halo-substituted- $C_{1-6}$ alkyl,  $C_{1-6}$ alkoxy, halo-substituted- $C_{1-6}$ alkoxy,  $-XC(O)OR_{10}$ ,  $-XC(O)NR_{10}R_{10}$ ,  $-XS(O)_{0-2}NR_{10}R_{10}$  and  $-XS(O)_{0-2}R_{10}$ ; wherein  $R_{10}$  is independently selected from hydrogen and  $C_{1-6}$ alkyl; and the pharmaceutically acceptable salts, hydrates, solvates and isomers thereof.

2. The compound of claim 1 of Formula Ia:



in which

$n$  is selected from 1, 2 and 3;

$Y$  is selected from  $-CH=$  and  $-N=$ ;

$R_1$  is selected from halo,  $C_{1-6}$ alkyl, and  $-C(O)OR_4$ ; wherein  $R_4$  is selected from hydrogen and  $C_{1-6}$ alkyl;

$R_2$  is selected from  $C_{6-10}$ aryl,  $C_{5-10}$ heteroaryl,  $C_{3-12}$ cycloalkyl and  $C_3$ sheterocycloalkyl; wherein any aryl, heteroaryl, cycloalkyl or heterocycloalkyl of  $R_2$  is optionally substituted with 1 to 4 radicals independently selected from halo, hydroxy,  $C_{1-6}$ alkyl, halo-substituted- $C_{1-6}$ alkyl and  $-OC(O)R_5$ ; wherein  $R_5$  is selected from hydrogen and  $C_{1-6}$ alkyl; and

$R_3$  is selected from  $C_{6-10}$ aryl,  $C_{5-10}$ heteroaryl,  $C_{3-12}$ cycloalkyl and  $C_3$ sheterocycloalkyl; wherein any aryl, heteroaryl, cycloalkyl or heterocycloalkyl of  $R_3$  is substituted with 1 to 5 radicals independently selected from halo, hydroxyl,  $C_{1-6}$ alkoxy, halo-substituted- $C_{1-6}$ alkyl, halo-substituted- $C_{1-6}$ alkoxy,  $-OXR_7$ ,  $-OXC(O)NR_7R_8$ ,  $-OXC(O)NR_7XC(O)OR_8$ ,  $-OXC(O)NR_7XOR_8$ ,  $-OXC(O)NR_7XNR_7R_8$ ,  $-OXC(O)NR_7XS(O)_{0-2}R_8$ ,  $-OXC(O)NR_7XNR_7C(O)R_8$ ,  $-OXC(O)NR_7XC(O)XC(O)OR_8$ ,  $-OXC(O)NR_7R_9$ ,  $-OXC(O)OR_7$ ,  $-OXOR_7$ ,  $-OXR_9$ ,  $-XR_9$ ,  $-OXC(O)R_9$  and  $-OXC(O)NR_7CR_7[C(O)R_8]_2$ ; wherein X is a selected from a bond and  $C_{1-6}$ alkylene;  $R_7$  and  $R_8$  are independently selected from hydrogen, cyano,  $C_{1-6}$ alkyl, halo-substituted- $C_{1-6}$ alkyl,  $C_{2-6}$ alkenyl and  $C_{3-12}$ cycloalkyl- $C_{0-4}$ alkyl;  $R_9$  is selected from  $C_{6-10}$ aryl- $C_{0-4}$ alkyl,  $C_{5-10}$ heteroaryl- $C_{0-4}$ alkyl,  $C_{3-12}$ cycloalkyl- $C_{0-4}$ alkyl and  $C_3$ sheterocycloalkyl- $C_{0-4}$ alkyl; wherein any alkyl of  $R_9$  can have a hydrogen replaced with  $-C(O)OR_{10}$ ; and any aryl, heteroaryl, cycloalkyl or heterocycloalkyl of  $R_9$  is optionally substituted with 1 to 4 radicals independently selected from halo,  $C_{1-6}$ alkyl,  $C_{3-12}$ cycloalkyl, halo-substituted- $C_{1-6}$ alkyl,  $C_{1-6}$ alkoxy, halo-substituted- $C_{1-6}$ alkoxy,  $-XC(O)OR_{10}$ ,  $-XC(O)R_{10}$ ,  $-CR_{10}(NR_{10}R_{10})=NOR_{10}$ ,  $-XC(O)NR_{10}R_{10}$ ,  $-XS(O)_{0-2}NR_{10}R_{10}$  and  $-XS(O)_{0-2}R_{10}$ ; wherein  $R_{10}$  is independently selected from hydrogen and  $C_{1-6}$ alkyl.

3. The compound of claim 2 in which

$R_1$  is selected from fluoro, chloro, methyl and  $-C(O)OCH_3$ ; and

$R_2$  is selected from phenyl, cyclohexyl, cyclopentyl, pyrrolyl, pyrazolyl, naphthyl, benzo[1,3]dioxolyl, thienyl, furanyl and pyridinyl; wherein any aryl, heteroaryl or cycloalkyl of  $R_2$  is optionally substituted with 1 to 4 radicals independently selected from fluoro, chloro, bromo, hydroxy, methyl, ethyl, propyl, t-butyl, amino, dimethyl-amino, methoxy, trifluoromethyl, trifluoromethoxy and  $-OC(O)CH_3$ .

4. The compound of claim 3 in which R<sub>3</sub> is selected from phenyl, benzo[1,3]dioxolyl, pyridinyl, 2,2-difluoro-benzo[1,3]dioxol-5-yl and benzooxazolyl; wherein any aryl or heteroaryl of R<sub>3</sub> is substituted with 1 to 5 radicals independently selected from fluoro, chloro, bromo, methoxy, hydroxyl, difluoromethoxy, -OCH<sub>2</sub>C(O)NH<sub>2</sub>, -OCH<sub>2</sub>C(O)OCH<sub>3</sub>, -OCH<sub>2</sub>C(O)NHCH<sub>3</sub>, -OCH<sub>2</sub>C(O)N(CH<sub>3</sub>)<sub>2</sub>, -R<sub>9</sub>, -OR<sub>9</sub>, -OCH<sub>2</sub>R<sub>9</sub>, -OCH<sub>2</sub>C(O)R<sub>9</sub>, -OCH<sub>2</sub>C(O)NHR<sub>9</sub>, -OCH<sub>2</sub>C(O)N(CH<sub>3</sub>)R<sub>9</sub>, -OCH<sub>2</sub>C(O)NHCH<sub>2</sub>R<sub>9</sub>, -OCH<sub>2</sub>CN, -OCH<sub>2</sub>C<sub>2</sub>H<sub>3</sub>, -OCH<sub>2</sub>C<sub>2</sub>H<sub>4</sub>, -O(CH<sub>2</sub>)<sub>2</sub>OH, -OCH<sub>2</sub>C(O)NH(CH<sub>2</sub>)<sub>2</sub>C(O)OC<sub>2</sub>H<sub>5</sub>, -OCH<sub>2</sub>C(O)NH(CH<sub>2</sub>)<sub>2</sub>CH<sub>2</sub>F, -OCH<sub>2</sub>C(O)NHCH<sub>2</sub>CH<sub>2</sub>F, -OCH<sub>2</sub>C(O)NH(CH<sub>2</sub>)<sub>2</sub>C(O)OH, -OCH<sub>2</sub>C(O)NHCH(CH<sub>2</sub>R<sub>9</sub>)C(O)OC<sub>2</sub>H<sub>5</sub>, -OCH<sub>2</sub>C(O)NHC(O)(CH<sub>2</sub>)<sub>2</sub>C(O)OCH<sub>3</sub>, -OCH<sub>2</sub>C(O)NH(CH<sub>2</sub>)<sub>2</sub>NHC(O)CH<sub>3</sub>, -OCH<sub>2</sub>C(O)NHCH<sub>2</sub>C(O)C<sub>2</sub>H<sub>5</sub>, -OCH<sub>2</sub>C(O)NH(CH<sub>2</sub>)<sub>2</sub>C(O)OC<sub>4</sub>H<sub>9</sub>, -OCH<sub>2</sub>C(O)NH(CH<sub>2</sub>)<sub>2</sub>C(O)OC<sub>2</sub>H<sub>5</sub>, -OCH<sub>2</sub>C(O)NHCH[C(O)OC<sub>2</sub>H<sub>5</sub>]<sub>2</sub>, -S(O)<sub>2</sub>CH<sub>3</sub>, -OCH<sub>2</sub>C(O)NHCH<sub>2</sub>CF<sub>3</sub>, -OCH<sub>2</sub>C(O)NHCH<sub>2</sub>C(O)(CH<sub>2</sub>)<sub>2</sub>C(O)OCH<sub>3</sub>, -OCH<sub>2</sub>C(O)N(CH<sub>3</sub>)CH<sub>2</sub>C(O)OCH<sub>3</sub>, -OCH<sub>2</sub>C(O)NH(CH<sub>2</sub>)<sub>3</sub>OC<sub>2</sub>H<sub>5</sub>, -OCH<sub>2</sub>C(O)NH(CH<sub>2</sub>)<sub>3</sub>OCH(CH<sub>3</sub>)<sub>2</sub>, -OCH<sub>2</sub>C(O)NH(CH<sub>2</sub>)<sub>2</sub>SCH<sub>3</sub>, -OCH<sub>2</sub>C(O)NHCH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub>, -OCH<sub>2</sub>C(O)NHCH(CH<sub>3</sub>)CH<sub>2</sub>OH, -OCH<sub>2</sub>C(O)NHCH<sub>2</sub>CH(CH<sub>3</sub>)C<sub>2</sub>H<sub>5</sub>, -OCH<sub>2</sub>C(O)NHCH<sub>2</sub>CH(CH<sub>3</sub>)<sub>2</sub> and -OCH<sub>2</sub>C(O)(CH<sub>2</sub>)<sub>3</sub>OCH(CH<sub>3</sub>)<sub>2</sub>;

wherein R<sub>9</sub> is phenyl, cyclopropyl-methyl, isoxazolyl, benzthiazolyl, furanyl, furanyl-methyl, tetrahydro-furanyl, pyridinyl, 4-oxo-4,5-dihydro-thiazol-2-yl, pyrazolyl, isothiazolyl, 1,3,4-thiadiazolyl, thiazolyl, phenethyl, morpholino, morpholino-propyl, isoxazolyl-methyl, pyrimidinyl, tetrahydro-pyranyl, 2-oxo-2,3-dihydro-pyrimidin-4-yl, piperazinyl, pyrrolyl, piperidinyl, pyrazinyl, imidazolyl, imidazolyl-propyl, benzo[1,3]dioxolyl, benzo[1,3]dioxolyl-propyl, 2-oxo-pyrrolidin-1-yl and 2-oxo-pyrrolidin-1-yl-propyl; wherein any alkyl of R<sub>9</sub> can have a hydrogen replaced with -C(O)OC<sub>2</sub>H<sub>5</sub>; wherein any aryl, heteroaryl or heterocycloalkyl of R<sub>9</sub> is optionally substituted with 1 to 4 radicals independently selected from methyl, ethyl, cyclopropyl, methoxy, trifluoromethyl, -OC(O)CH<sub>3</sub>, -COOH, -S(O)<sub>2</sub>NH<sub>2</sub>, -CH(NH<sub>2</sub>)=NOH, -C(O)OC<sub>2</sub>H<sub>5</sub>, -CH<sub>2</sub>C(O)OH, -CH<sub>2</sub>C(O)OC<sub>2</sub>H<sub>5</sub>, -CH<sub>2</sub>C(O)OCH<sub>3</sub>, -C(O)OCH<sub>3</sub>, -C(O)NH<sub>2</sub>, -C(O)NHCH<sub>3</sub> and -C(O)CH<sub>3</sub>.

5. A pharmaceutical composition comprising a therapeutically effective amount of a compound of Claim 1 in combination with a pharmaceutically acceptable excipient.

6. A method for treating a disease or disorder in an animal in which modulation of LXR activity can prevent, inhibit or ameliorate the pathology and/or symptomatology of the disease, which method comprises administering to the animal a therapeutically effective amount of a compound of Claim 1.

7. The method of claim 6 wherein the diseases or disorder are selected from cardiovascular disease, diabetes, neurodegenerative diseases and inflammation.

8. The use of a compound of claim 1 in the manufacture of a medicament for treating a disease or disorder in an animal in which LXR activity contributes to the pathology and/or symptomatology of the disease, said disease being selected from cardiovascular disease, diabetes, neurodegenerative diseases and inflammation.

9. A method for treating a disease or disorder in an animal in which modulation of LXR activity can prevent, inhibit or ameliorate the pathology and/or symptomatology of the disease, which method comprises administering to the animal a therapeutically effective amount of a compound of Claim 1.

10. The method of claim 9 further comprising administering a therapeutically effective amount of a compound of Claim 1 in combination with another therapeutically relevant agent.